

INFORMATION TECHNOLOGY ISSUES AND APPLICATIONS IN MALAYSIA

A COLLECTION OF ARTICLES

Chief Editor

Assoc. Prof. Dr. Husnayati Hussin

Editors

Professor Dr. Abu Osman Md Tap
Professor Dr. Mohd Adam Suhaimi
Assistant Professor Dr Mira Kartiwi

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Supporting Student Participation and Interactivity in the Classroom Using Mobile Phones

Media A. Ayu and Teddy Mantoro

Kulliyah of Information and Communication
Technology,

International Islamic University Malaysia

media@iium.edu.my

teddy@iium.edu.my

Abstract: Studies show that interactivity and active student participation in the classroom brings benefits to both lecturer and students in their learning activities. A tool that is well-knowingly used to support this interactivity is the audience response system (ARS). However, the requirements of specialist infrastructure and expensive clickers have discouraged its use in education institutions. This paper introduces an ARS which utilizes the internet, usually available in the lecture room and mobile phones which can be said owned by every student. Functionalities provided by the system is described and an example of its use in a classroom setting are also presented. Furthermore, an encouraging result from a survey conducted on students with experience in using the system in their class is briefly discussed.